

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Original) An electrochemical cell comprising:
a cathode containing MnO_2 ;
an anode containing lithium; and
an electrolyte containing a bis(oxalato)borate salt,
wherein the cell includes an aluminum surface in electrical contact with a second metal surface, wherein the second metal surface is different from the aluminum surface.
2. (Currently Amended) The electrochemical cell of claim 1, wherein the bis(oxalato)borate salt is ~~comprises a member selected from the group consisting of~~ lithium-bis(oxalato)borate, ~~potassium bis(oxalato)borate, and sodium bis(oxalato)borate.~~
3. (Original) The electrochemical cell of claim 1, wherein the electrolyte contains a second salt.
4. (Original) The electrochemical cell of claim 3, wherein the second salt comprises a lithium salt.
5. (Original) The electrochemical cell of claim 1, wherein the second metal surface is a steel surface.
- 6-7. (Cancelled).
8. (Original) The electrochemical cell of claim 1, wherein the cell includes a cathode current collector comprising aluminum.

9. (Original) The electrochemical cell of claim 1, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration that is equal to or less than about 0.2 M.

10. (Original) The electrochemical cell of claim 9, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration of less than about 0.15 M.

11. (Original) The electrochemical cell of claim 10, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration of less than about 0.1 M.

12. (Original) The electrochemical cell of claim 11, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration of less than about 0.05 M.

13. (Cancelled)

14. (Original) The electrochemical cell of claim 1, wherein the aluminum surface is a portion of an object having at least one dimension greater than 0.5 millimeter.

15. (Original) The electrochemical cell of claim 1, wherein the aluminum surface is a portion of an object having at least one dimension greater than one millimeter.

16. (Original) The electrochemical cell of claim 1, wherein the aluminum surface is a portion of an object having at least one dimension greater than two millimeters.

17. (Original) An electrochemical cell comprising:
a cathode containing an aluminum current collector;
an anode; and
an electrolyte containing a bis(oxalato)borate salt and a second salt comprising a lithium salt, wherein the cell is a primary electrochemical cell.

18. (Currently Amended) The electrochemical cell of claim 17, wherein the bis(oxalato)borate salt ~~comprises a member selected from the group consisting of is~~ lithium-bis(oxalato)borate, ~~potassium-bis(oxalato)borate, and sodium-bis(oxalato)borate.~~

19. (Original) The electrochemical cell of claim 17, wherein the cathode contains MnO_2 .

20. (Original) The electrochemical cell of claim 17, wherein the anode contains lithium.

21. (Original) The electrochemical cell of claim 17, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration that is equal to or less than about 0.2 M.

22. (Original) The electrochemical cell of claim 21, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration of less than about 0.15 M.

23. (Original) The electrochemical cell of claim 22, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration of less than about 0.1 M.

24. (Original) The electrochemical cell of claim 23, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration of less than about 0.05 M.

25-27. (Cancelled)

28. (Currently amended) The electrochemical cell of claim 17, wherein the second salt comprises lithium trifluoromethanesulfonate ~~or lithium trifluoromethanesulfonimide.~~

29. (Withdrawn) The electrochemical cell of claim 17, wherein the electrolyte further comprises a third salt comprising a lithium salt.

30. (Withdrawn) The electrochemical cell of claim 29, wherein the third salt comprises lithium trifluoromethanesulfonate or lithium trifluoromethanesulfonimide.

31. (Original) An electrochemical cell comprising:

a cathode containing MnO_2 ;

an anode containing lithium;

an aluminum surface; and

an electrolyte containing a bis(oxalato)borate salt at a concentration that is equal to or less than about 0.2 M.

32. (Currently Amended) The electrochemical cell of claim 31, wherein the

bis(oxalato)borate salt ~~comprises a member selected from the group consisting of is~~
lithium-bis(oxalato)borate, ~~potassium-bis(oxalato)borate, and sodium-bis(oxalato)borate.~~

33. (Original) The electrochemical cell of claim 31, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration of less than about 0.15 M.

34. (Original) The electrochemical cell of claim 33, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration of less than about 0.1 M.

35. (Original) The electrochemical cell of claim 34, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration of less than about 0.05 M.

36-38. (Cancelled).

39. (Original) An electrochemical cell comprising:

a cathode containing MnO_2 ;

an anode containing lithium; and

an electrolyte containing a bis(oxalato)borate salt at a concentration that is equal to or less than about 0.2 M,

wherein the cell is a primary cell.

40. (Currently Amended) The electrochemical cell of claim 39, wherein the bis(oxalato)borate salt ~~comprises a member selected from the group consisting of is~~ lithium-bis(oxalato)borate, ~~potassium-bis(oxalato)borate, and sodium-bis(oxalato)borate.~~

41. (Original) The electrochemical cell of claim 39, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration of less than about 0.15 M.

42. (Original) The electrochemical cell of claim 41, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration of less than about 0.1 M.

43 (Original) The electrochemical cell of claim 42, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration of less than about 0.05 M.

44. (Cancelled).

45. (Original) An electrochemical cell comprising:
a cathode containing MnO_2 ;
an anode containing lithium; and
an electrolyte containing a bis(oxalato)borate salt at a concentration of less than about 0.2 M.

46. (Currently amended) The electrochemical cell of claim 45, wherein the bis(oxalato)borate salt ~~comprises a member selected from the group consisting of is~~ lithium-bis(oxalato)borate, ~~potassium-bis(oxalato)borate, and sodium-bis(oxalato)borate.~~

47. (Withdrawn) A method of inhibiting aluminum corrosion in an electrochemical cell, the method comprising:
a. adding a bis(oxalato)borate salt to an electrolyte; and

b. placing the electrolyte, an anode containing lithium, and a cathode containing an aluminum current collector into a cell case to form the cell, wherein the cell is a primary electrochemical cell.

48. (Withdrawn) The method of claim 47, wherein the bis(oxalato)borate salt comprises a member selected from the group consisting of lithium-bis(oxalato)borate, potassium-bis(oxalato)borate, and sodium-bis(oxalato)borate.

49. (Withdrawn) The method of claim 47, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration that is equal to or less than about 0.2 M.

50. (Withdrawn) The method of claim 49, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration of less than about 0.15 M.

51. (Withdrawn) The method of claim 50, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration of less than about 0.1 M.

52. (Withdrawn) The method of claim 51, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration of less than about 0.05 M.

53. (Withdrawn) The method of claim 52, wherein the electrolyte contains the bis(oxalato)borate salt at a concentration of less than about 0.025 M.

54. (Withdrawn) The method of claim 47, wherein the cathode comprises MnO_2 .